

Serial No. 10/016,938

Atty. Docket No. RD-26907

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (original). A method of self-referencing a structure having an exterior mappable by a light gauge system, the method comprising the steps of:

applying an identifying marker to the exterior of the structure; and  
creating a contour map representation of the structure such that said identifying marker forms part of said map representation.

Claim 2 (original). The method of claim 1 further comprising the step of:

indexing said contour map representation of the structure with said identifying marker in a searchable database.

Claim 3 (original). The method of claim 1 wherein said identifying marker is established as a raised pattern on the exterior surface of the structure.

Claim 4 (original). The method of claim 3 wherein said raised pattern is formed by machining the exterior surface of the structure to create said identifying marker.

Claim 5 (original). The method of claim 1 wherein said identifying marker is established as a bar-code label adhesively applied to the exterior surface of the structure.

Claim 6 (original). The method of claim 1 wherein said identifying marker is a serial pattern uniquely associated with the structure.

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Claim 7 (previously presented). The method of claim 1 further comprising the step of tracking a fabrication or service life of the structure using said identifying marker.

Claims 8-13 (cancelled).

Claim 14 (new). The method of claim 1 wherein said contour map representation is created using a light gauge system having an illumination source and two cameras.